

IN THE CLAIMS:

Claim 1 (cancelled)

Claim 2 (previously presented) A well reamer comprising
a housing having a central channel, a plurality of inclined slots, and a plurality of
inclined bores;
a rod in the central channel;
a spring biasing the rod toward a lower end of the housing;
a plurality of legs supported for movement along the inclined slots; the legs
include a plurality of cutters supported on the legs; and
a plurality of pistons in the inclined bores; the pistons are operatively connected
to the legs to move the legs and the cutters between an operating position and a transport
position along the inclined slots;
wherein each of the legs is connected to a respective one of the plurality of
pistons; each of the plurality of pistons has a free-end that is operatively connected to the rod in
the central channel so that the rod and the legs are movable by the pistons between the
operating position and the transport position.

Claim 3 (previously presented) A well reamer according to claim 2, wherein the legs include
teeth on an outer surface.

Claim 4 (currently amended) ~~A well reamer according to claim 2~~ A well reamer comprising a housing having a central channel, a plurality of inclined slots, and a plurality of inclined bores;

a rod in the central channel;

a spring biasing the rod toward a lower end of the housing;

a plurality of legs supported for movement along the inclined slots; the legs include a plurality of cutters supported on the legs; and

a plurality of pistons in the inclined bores; the pistons are operatively connected to the legs to move the legs and the cutters between an operating position and a transport position along the inclined slots;

wherein each of the legs is connected to a respective one of the plurality of pistons; each of the plurality of pistons has a free-end that is operatively connected to the rod in the central channel so that the rod and the legs are movable by the pistons between the operating position and the transport position, wherein the cutters are supported for rotation at an acute angle with respect to a longitudinal axis of the reamer.

Claim 5 (previously presented) A well reamer according to claim 2, further comprising sliders connecting the free-ends of the pistons to the rod.

Claim 6 (currently amended) ~~A well reamer according to claim 5~~ A well reamer comprising a housing having a central channel, a plurality of inclined slots, and a plurality of inclined bores;

a rod in the central channel;
a spring biasing the rod toward a lower end of the housing;
a plurality of legs supported for movement along the inclined slots; the legs
include a plurality of cutters supported on the legs; and
a plurality of pistons in the inclined bores; the pistons are operatively connected
to the legs to move the legs and the cutters between an operating position and a transport
position along the inclined slots;

wherein each of the legs is connected to a respective one of the plurality of
pistons; each of the plurality of pistons has a free-end that is operatively connected to the rod in
the central channel so that the rod and the legs are movable by the pistons between the
operating position and the transport position, further comprising sliders connecting the free-ends
of the pistons to the rod, wherein the rod has openings at a lower end, the sliders sliding radially
into and out of the openings of the rod as the legs are moved between the operating position
and the transport position.

Claim 7 (new). A well reamer according to claim 2, wherein each of the plurality of pistons is cylindrical.

Claim 8 (new). A well reamer according to claim 2, wherein the housing comprises a first end for connecting to a drill string and a second end for connecting to a bit, and wherein the well reamer consists of components, including said housing, said rod, said spring, said plurality of legs, said plurality of cutters, and said plurality of pistons, which components are disposed in the

well reamer such that a fluid introduced into the central channel can flow through the central channel from said first end to said second end and into washout ports of the bit.

Claim 9 (new). A well reamer according to claim 8, wherein the first end of the housing comprises first thread means for connecting the housing to the drill string and the second end of the housing comprises second thread means for connecting the housing to the bit.